

Notice of Allowability

Application No.

09/823,940

Examiner

Haresh Patel

Applicant(s)

MARTIN ET AL.

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/7/06.
2. ☒ The allowed claim(s) is/are 1-6, 10, 11 and 24-28.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08), 9/12/06
Paper No./Mail Date 6/9/2006, 8/16/2001, 11/14/05 H.P.
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 9/14/06
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other The specification dated, 3/30/2001 contains Appendix of more than 10 pages, pages 93 through 127, hence the applicant needs to resubmit the specification with Appendix of not more than 10 pages, before payment of the issue fee.
H.P. 9/12/06

JOHN FOLLANSBEE
SUPERVISOR PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

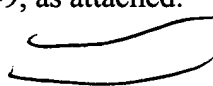
1. Claims 1-6, 10, 11 and 24-28 are presented for examination. Claims 7-9, 12-23, 29-40 are cancelled.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. Authorization for this examiner's amendment was given in a telephone interview with Mr. Reza Mollaaghababa on September 14, 2006.

Amendments to the Specification

3. Line 10 of page 1, before "filed" please insert --, now abandoned--
4. Line 10 of page 10, replace "Figure 32G is a table", with --Figures 32G, 32H and 32 I are tables"--

Amendments to the Claims

5. Please amend claims 1, 24; and cancel claims 7-9, as attached.



Allowable Subject Matter

6. Claims 1-6, 10, 11 and 24-28 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haresh Patel whose telephone number is (571) 272-3973. The

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examiner can normally be reached on Monday, Tuesday, Thursday and Friday from 10:00 am to 8:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Haresh Patel

September 14, 2006


JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

1. (Currently Amended) A method for providing telecommunications services, the method comprising the steps of:

generating a compiled representation of a textual description in a mark-up language of operations for performing a call feature or a call service;

instantiating a feature object embodying the compiled representation;

instantiating a context object that maintains information regarding a present state of the call feature or service in response to a boundary event with respect to the call service or the call feature, the context object signaling the feature object in regard to events occurring with respect to the call feature or the call service, and

the feature object responding to said signaling from the context object by effecting execution of one or more of the operations in the compiled representation of the textual description in the mark-up language, and

passing notification of at least selected events to the context object,

wherein the textual description defines a set of rules and actions for providing the call service, said rules and actions corresponding to a call policy associated with a subscriber.

2. (Previously Presented) The method according to claim 1, comprising instantiating the context object in response to a boundary event with respect to the call service or feature.
3. (Previously Presented) The method according to claim 2, comprising instantiating the context object in response to an event indicative of any of call origination or call termination.
4. (Previously Presented) The method according to claim 1, comprising passing notification of at least selected events to the context object.

5. (Previously Presented) The method according to claim 4, responding with the context object to at least selected notifications by effecting, via the feature object, execution of further operations with respect to the call feature or service.
6. (Previously Presented) The method according to claim 4, identifying as a boundary event an event notification of which does not result in the effecting of execution of further operations with respect to the call feature or service by the context object.
- 7-9. (Cancelled)
10. (Previously Presented) The method of claim 1, wherein the event includes a call control event indicative of a signal received from an external device.
11. (Original) The method of claim 10, wherein the external device is a telecommunications switch.

Claims 12 – 23 (cancelled).

24. (Currently Amended) A method for providing telecommunications services, comprising the steps of:

providing a textual description in a mark-up language of a set of logic instructions describing a call service;

parsing the textual description to generate a compiled representation of the logic instructions;

instantiating a feature object embodying the compiled representation;

instantiating a context object in response to ~~an~~ a boundary event with respect to the call service, the context object maintaining information regarding a present state of the call service, the context object signaling the feature object to access the compiled

representation and to effect execution of the call service defined by the logic instructions,
and

passing notification of at least selected events to the context object,

wherein the textual description defines a set of rules and actions for providing the call service, said rules and actions corresponding to a call policy associated with a subscriber.

25. (Previously Presented) The method of claim 24, wherein the call service is any of a call, a call feature, and subscriber or feature administration.
26. (Previously Presented) The method of claim 24, wherein the event is a call progress event occurring with respect to the call service.
27. (Previously Presented) The method of claim 24, wherein the feature context object maintains information regarding the present state of an on-going telecommunications service.
28. (Original) The method of claim 24, wherein the mark-up language is any of HTML, XML, or any extension thereof.

Claims 29 – 31. (Cancelled).

Claims 32 – 40. (Cancelled).